

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently amended) A correction table forming method for forming correction tables used in a color image forming apparatus having a color scanner and a color printer, ~~wherein said correction table forming method comprising:~~

reading out prestored correction data corresponding to plural colors; ~~is read out,~~

generating color signals ~~are generated~~ at predetermined screen angles for the respective colors including black by using the correction data corresponding to the plural colors; ~~and~~

~~printed out~~ printing out the color signals on a sheet by use of the color printer of the color image forming apparatus;

~~the printed sheet is read~~ reading the printed sheet by use of the color scanner of the color image forming apparatus;

~~the read image data is converted~~ converting the read image data to color signals;

calculating read data ~~is calculated~~ from the converted color signals;

comparing and calculating the calculated read data and the correction data corresponding to the plural colors ~~are compared and calculated~~ to form correction tables of the respective colors including black;

reading out prestored correction data corresponding to mono-color black; ~~is also read out,~~

generating color signals ~~are generated~~ at a screen angle corresponding to the mono-color black by using the correction data corresponding to the mono-color black; ~~and~~

~~printed out~~ printing out the color signals on a sheet by use of the color printer of the color image forming apparatus;

reading the printed sheet ~~is read by use of~~ the color scanner of the color image forming apparatus;

converting the read image data ~~is converted~~ to color signals;<sub>3</sub>

calculating read data ~~is calculated~~ from the converted color signals;<sub>3</sub>

comparing and calculating the calculated read data and the correction data corresponding to the mono-color black ~~are compared and calculated~~ to form a correction table of the mono-color black;<sub>3</sub> and

forming an error correction table ~~is formed~~ from the correction table of black included in the correction tables of the respective colors and the correction table of the mono-color black.

2. (Currently amended) A correction table forming method for forming correction tables used in a color image forming apparatus having a color scanner and a color printer, said correction table forming method comprising:

wherein reading out prestored correction data corresponding to plural colors; ~~is read out;~~

generating color signals including a first black and a second black ~~are generated~~ at predetermined screen angles for the respective colors including a screen angle for the first black and a screen angle for the second black, which differs from the screen angle for the first black;<sub>3</sub>

printing out the color signals ~~are printed out~~ on a sheet by use of the color printer of the color image forming apparatus;<sub>3</sub>

reading the printed sheet ~~is read~~ by use of the color scanner of the color image forming apparatus;<sub>3</sub>

converting the read image data ~~is converted~~ to color signals;<sub>3</sub>

calculating read data including the first black and second black ~~is calculated~~ from the converted color signals;<sub>3</sub> and

comparing the calculated read data including the first black and second black ~~and with~~ the correction data corresponding to the plural colors ~~are compared and calculated~~ and

performing calculation to form correction tables of the respective colors including the first black and second black.

3 – 9. (Canceled)